



Walchand Institute of Technology, Solapur
(Approved by AICTE & Affiliated to Solapur University, Solapur)



Smart India Internal Hackathon 2023

ACTIVITY REPORT

About SIH 2023

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The first five editions SIH2017, SIH2018, SIH2019 and SIH2020, SIH2021 and SIH2022 proved to be extremely successful in promoting innovation out-of-the-box thinking in young minds, especially engineering students from across India.

With the rules and guidelines of Smart India Hackathon prescribed by AICTE and MHRD-Central Government of India, our college has taken an initiative and organized the **Internal Smart India Hackathon 2023** on **14th September 2023 (First Iteration)** for both Software Category and Hardware Category and **Internal Smart India Hackathon 2023** on **20th September 2023 (Second Iteration)** for both Software Category and Hardware Category. The college SPOC Mrs. K. R. Pardeshi (Assistant Professor in CSE Department) has conducted an Internal Smart India Hackathon in the college campus with the support and guidance of management and Principal of the College to finalize the total best 30 teams + 5 waitlisted teams.



**WALCHAND INSTITUTE OF TECHNOLOGY,
SOLAPUR (MH)**

*Conducting Internal
Hackathon for SIH 2023*



WELCOMES

Category : Hardware
Date : Thursday, 14 Sep. 2023
Time : 10 am onwards

Category : Software
Date : Thursday, 14 Sep. 2023
Time : 10 am onwards

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[WIT SIH2023 Internal Hackathon Banner](#)

RULES GIVEN FOR CREATING THE IDEA DOCUMENT PPT

1. It is strongly recommended that the teams must focus on submission of few quality solutions with a well thought approach to stated problem(s).
2. The idea document PPT should be compiled strictly as per the prescribed format as mentioned on www.sih.gov.in.
3. The first slide will include – Ministry/Organization Name, Problem Statement (also include PS Number), Team Name, Team Leader name and College Code.

SINGLE-POINT-OF-CONTACT [SPOC]

Hardware and Software Edition

Mrs. K.R. Pardeshi

Assistant Professor,

Computer Science & Engineering Department

GUIDELINES GIVEN FOR REGISTRATION OF A TEAM FOR INTERNAL HACKATHON

1. Only team leaders will be responsible for registering the team with the SPOCs.
2. Teams willing to register for both Software and Hardware categories shall submit separate registration forms for each category to concerned SPOC.
3. Team details should be submitted by Team leaders by 11th September, 2023 to SPOC. No registrations will be entertained after the said deadline.
4. Only the registered teams will be allowed to present the mentioned problem statements to the panel of judges during the Internal Hackathon.
5. All members of the registered teams presenting the idea to the jury will receive the participation certificate at the Internal Hackathon. The registered teams not reporting to Internal Hackathon for evaluation will not get a participation certificate.

PROCESS FOLLOWED FOR INTERNAL HACKATHON

1. Internal SIH2023 Software Category and Hardware Category : 14th September 2023(First Iteration)
2. Internal SIH2023 Software Category and Hardware Category : 20th September 2023(Second Iteration)

The detailed schedule was notified through Notice Boards and Flyer. There was a separate Panel of Judges for evaluation of Software Category and Hardware Category and the evaluation proceeded in parallel in first round. In final round there was a combined Panel of Judges for evaluation of both Software Category

and Hardware Category and the evaluation proceeded in combined mode. Panel of judges comprises Academicians and Industry Experts. All the teams were facilitated by Expert Mentors. The team leader (with the members) had demonstrated the idea to the Judges. The team leader has ensured availability of required document(s) while presenting it for evaluation during the Internal Hackathon. The Judges have reviewed and selected the 35 best teams (18teams for Software Edition and 17 teams for Hardware Edition). These 35 teams are nominated to SIH 2023. The decision of judges was final and binding on all teams. Both Software Category and Hardware Category Internal Smart India Hackathon was conducted in offline mode. The judges (Experts) from industry were invited for the evaluation of the SIH2023 team's Idea/Solution presentation.

Information of Judges:

Name of the Judges	Designation of Judges	Organization of Judges	Mobile No of Judges	Email ID of Judges
Mr. Avinash Gavali	Director	Earth Solutions Pvt Ltd Pune	9822517364	avinash@e-arth.in
Mr.Shantesh Sindgi	Software Engineer 2A	Ciena	9049827604	sindgishantesh@gmail.com
Mr.Harshul Patel	CSO	Eywa-CEO	7768994944	harshul@eywa.com
Mr. MayurShivaji Patange	Senior software engineer (DevOps)	Great software laboratory	9823631607	mayurmspatange@gmail.com
Mr. Suraj Patil	Cloud engineer	Amazon	9028498016	Surajpatil3696@gmail.com
Mr. Ritesh S. Dayama	Director	ImmoralCode Software Solutions Pvt. Ltd Pune.	8087027127	hr@immoralcode.in
Mr. Onkar Vibhute	Cloud support engineer	Demenuw Tech.	9960302343	Onkar2k23@gmail.com
Mr.Prajwal Tapsi	Senior Ux Designer	Techolution India Pvt. Ltd.	8421625175	prajwaltapsi@gmail.com
Mr.Sushil Soni	Managing Director	SujalRotoplast MIDC Chincholi	9403688990	sujalroto@gmail.com

Mrs. Vasundhra Yemul	Senior Design Engineer	Tata Autocomp systems Ltd, client of Honeywell India Pvt. Ltd.	8379882707	yemulvasundhara@gmail
Mr. Shubham Agrawal	CEO	Agrawal Technologies, Solapur.	8888829991	shubhamvagrwal@gmail.com

The selection of teams from the Internal Hackathon was conducted by a panel of Judges and the judgment was solely based on standard evaluation criteria given by SIH2022.

THE PARTICIPATION OF STUDENTS IN INTERNAL SIH 2023

No. of Teams Participated in Internal SIH 2023	Female Candidates participated in Internal SIH 2023	Male Candidates participated in Internal SIH 2023
Software Category: 62	Software Category: 148	Software Category: 217
Hardware Category: 37	Hardware Category: 137	Hardware Category: 81
Total Teams: 99	Total Female Candidates: 285	Total Male Candidates: 298
Total Students Participation: 583		

Linkedin link for Internal SIH 2023 :

https://www.linkedin.com/posts/komal-pardeshi-081b3b2a_sih2023-activity-7109414859049451520-TEpp/?utm_source=share&utm_medium=member_desktop

The following Flyer posted on social media of students and faculty groups and class wise announcement was made to encourage students to participate in Internal SIH 2022.



Walchand Institute of Technology, Solapur
(www.witsolapur.org)



INTERNAL SMART INDIA HACKATHON 2023 #SIH2023



(14th September 2023)

Registration link open till 11th September 2023

Total problem statements are: 239

Hardware category: 58

Software Category: 181

THEMES

1. Agriculture, Food tech & Rural Development
2. Block Chain and Cyber security
3. Robotics and Drones
4. MediTech/BioTech/HealthTech
5. Security & Surveillance
6. Smart Vehicle
7. Heritage and Culture
8. Fitness and Sports
9. Smart Automation
10. Travel and Tourism
11. Transportation and Logistics
12. Disaster Management
13. Smart Education
14. Clean and Green energy
15. Miscellaneous

To know more about SIH and get problem statements visit: <https://www.sih.gov.in>

IMPORTANT GUIDELINES

- Form a team of 6 members. At least one female member in the team is mandatory for participation.
- You need to present your Idea/Solution in prescribed PPT format(Max 7 Minutes) and can demonstrate your prototype/working model.
- Certificates will be provided to all participants.

Last Date of problem statement submission through
Google form:
11.09.2023

Date of Smart India Internal Hackathon Event:
14.09.2023 (10 am onwards)

Venue for Software category :
**CSE Dept: Project lab, IT Project lab
and PG Lab**

Venue for Hardware category:
Library Building: Remote Centre hall

TEAM REGISTRATION LINK: <https://forms.gle/KrZFmMeSE2NbzMZ9>

(This form should be filled by team leader)

Mr. B.R. Solunke (9637405773)
SIH-2023 Faculty Coordinator

Mrs. K. R. Pardeshi (9637619995)
SIH-2023 SPOC

Dr. V. A. Athavale
PRINCIPAL

Photos of the Internal SIH2023 Event:



Group photo of Judges, SPOC and Coordinators with respected Principal Dr. V. A. Athavale during Inauguration of Internal SIH 2023



Felicitation of Judge Mr. R. S. Dayama by Head-CSE Dr. Mrs. A. M. Pujar



Felicitation of Judge Mr. Mayur Patange by Head-IT Dr. L.M.R.J. Lobo



.Software Category team Start of Inauguration Function



Demonstration of Working Model of Problem statement solution by teams to judge Mr. Harshul Patel and internal SIH23 Coordinator Mr. B. R. Solunke



Demonstration of Working models by Software category Teams to Judges Mr. Avinash Gavali and Mr. Shantesh Shindgi.



Judges assessing solution for given problem statement in software category.

Photos of final Round Internal SIH 2023:



Presentation of Idea/Solution by SIH2023 teams



Presentation of Idea/Solution by SIH2023 teams

Mrs. K. R. Pardeshi
SIH2023 SPOC,
Walchand Institute of Technology,
Solapur.